AUG 0 2 7006	respondence including the loclow or directed otherwise	smitting the ISSI	or <u>Fa</u>	Commissioner f P.O. Box 1450 Alexandria, Vir X (571)-273-2885	ginia 22313-1450 quired). Blocks 1 through 5 will be mailed to the curren ss; and/or (b) indicating a sep	should be completed where t correspondence address as parate "FEE ADDRESS" for
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CHICAGO, IL 60610-4764 08/03/2006 HVUUNG2 00000033 10659153				Biletry Cumingham rage		(Depositor's name)
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR		VENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,153 TITLE OF INVENTION: TH	09/10/2003 RANSVERSE OPTICAL AG	CCELERATOR A	David G. Gi		040563-0167 ES	1851
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APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700		PUBLICATION FEE \$300	TOTAL FEE(S) DUE \$1000	08/11/2006
	YES				<u> </u>	l
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nonprovisional EXAM HASHM I. Change of correspondence CFR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGNI UNIVERSITY OF Please check the appropriate 4a. The following fee(s) are XX Issue Fee X Publication Fee (No si	YES INER II, ZIA R e address or indication of "Formula address (or Change of 22) attached. tion (or "Fee Address" Indicator more recent) attached. Use an assignee is identified by an assignee is identified by an assignee category or category assignee category or category and a sample an	\$700 ART UN 2881 ee Address" (37 Correspondence ation form of a Customer E PRINTED ON Tellow, no assignee of this form is NO ries (will not be presented)	2. For printing (1) the names or agents OR, a (2) the name or registered attor 2 registered pa listed, no name (THE PATENT (price of a substitute for final content of the patent) (B) RESIDENCE of the patent of th	\$300 CLASS-SUBCLASS 250-251000 If on the patent front page, of up to 3 registered patalternatively, of a single firm (having armey or agent) and the natent attorneys or agents. e will be printed. Fint or type) on the patent. If an assifiling an assignment. E: (CITY and STATE OF coodlawn Avenue attorneys) The individual (S): It is a mount of the fee(s) is credit card. Form PTO-20 is hereby authorized by c	s a member a 2 2 2 3 3 3 4 COUNTRY) The standard of the stand	08/11/2006 & Lardner LLP document has been filed for ago, IL 60637

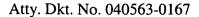
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

30,128

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Grier et al.

Title:

TRANSVERSE OPTICAL

ACCELERATOR AND GENERALIZED OPTICAL

VORTICES

Appl. No.:

10/659,153

Filing Date:

9/10/2003

Examiner:

Hashmi, Zia R.

Art Unit:

2881

Confirmation

1851

Number:

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Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed herewith please find Issue Fee Transmittal Form PTOL-85(B).

A credit card payment form in the amount of \$1,700.00 for payment of the Issue Fee and the Publication Fee is also enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by the credit card payment form being unsigned, providing incorrect information resulting in a rejected credit

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.

Sherry Cunningham-Page

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July 31, 2006

(Date of Deposit)

card transaction, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450.

Respectfully submitted,

Date _

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Customer Number: 27433

Telephone: (312) 832-4586

Facsimile: (312) 832-4700

Michael D. Rechtin

Attorney for Applicant

Registration No. 30,128